

# How the NGI programme bridges EU-US research and innovation

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Digital Around the World



# The story behind EU-US collaboration in NGI - timeline

- **2013-2014:** Series of EU – US workshops jointly organized by the **GENI** and **Fed4FIRE** teams, with their sponsors US NSF and DG CNECT;
- **2014:** Specific call under Work Programme **ICT-11-2014 - FIRE+** on international collaboration CSA (EU – US a main focus);
- **2015 – 2016:** Series of GENI/FIRE collaboration workshops led to US testbeds asked to join Open Calls of FIRE projects either for experiments or for linking facilities, where each side would fund its own part and GEANT would provide the link.
- **2017:** DG CNECT and NSF established a joint **EU-US committee** bringing together researchers from both sides of the Atlantic.
- **27 October, 2017, [ICT-31-2018 – 2019 EU-US collaboration on NGI published](#)**



# ICT-31-2018-2019 (EU-US) and ICE-T (US-EU)

- **ICT-31-2018** → resulted in two Coordination and Support Action (CSA) projects: **THINK NEXUS** and **NGI EXPLORERS**
- **ICT-31-2019** → resulted in **NGIatlantic.eu** to catapult the earlier international cooperation activities between the EU and US in experimental platforms
- In 2018, the USF NSF funded the Internet Core & Edge Technologies (ICE-T) Program Awards for US investigators to carry out collaborative research with EU investigators on Internet technologies and Advanced Wireless Networking (AWN) .
- In 2018, the ICE-T call has resulted in the funding of 2.800.000 US dollars for eight (8) Research Collaborations (RC) projects (3 years duration at 300k dollars funding for each project) and five (5) Research Collaboration Initiation (RI) projects (1 year duration and 100k dollars funding for each project).
- **EC are in discussions with the US NSF on a follow up ICE-T programme.**



# FAQ: How are US partners funded? Some possibilities to consider

- **US partners can use own NSF project funds, if they have (or desire) an international EU connection;**
- **International Research and education Network Connections (IRNC) –**  
<https://www.nsf.gov/pubs/2020/nsf20535/nsf20535.htm> and results at  
[https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=503382&org=NSF](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503382&org=NSF);
- **ICE-T program** – if you are currently involved and still have some US – EU funds remaining;
- **NSF Platforms for Advanced Wireless Research (PAWR) supplemental fund** available to US based academics, and what they call ‘Active NSF-funded wireless researchers’ for receiving connection and support to the 3 PAWR platforms, COSMOS (<https://COSMOS-lab.org/>), POWDER-RENEW (<https://POWDERWireless.net/>), and AERPAW (<https://AERPAW.org/>). Note: while not specifically designated for international connections, there could be some scope to utilise this fund. See <https://www.nsf.gov/pubs/2020/nsf20046/nsf20046.jsp>
- **We are compiling these links in NGLatlantic.eu Twinning Lab.**

